BID SOLICITATION NOTICE

TO RECEIVE A BID PACKAGE, BIDDERS MAY EITHER DOWNLOAD THE REQUEST FOR BID ("RFB") FROM THE AUTHORITY'S WEBSITE AT http://www.state.nj.us/turnpike/purchasing.html OR REQUEST A BID BY COMPLETING THIS FORM AND FAXING IT TO THE NUMBER STATED BELOW. FOR RECORD KEEPING PURPOSES, THE AUTHORITY REQUESTS THAT THE BIDDER COMPLETE THIS FORM AND RETURN IT TO THE PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT, EVEN WHEN A BIDDER IS DOWNLOADING THE RFB. THIS IS THE ONLY NOTICE OF BIDDING FOR THE FOLLOWING GOODS.

THE NEW JERSEY TURNPIKE AUTHORITY

PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT

New Jersey Turnpike Administrative Offices
P.O. Box 5042
581 Main Street
Woodbridge, New Jersey 07095-5042
Tel. - 732-750-5300 Ext. 8640 Fax - 732-750-5399

TITLE: <u>DIESEL-POWERED TRAILER-MOUNTED BRUSH CHIPPER</u>

BID NO: **R-120161**

DUE DATE: NOVEMBER 30, 2015

TIME: 11:00 AM

SUBMIT BIDS BEFORE THE DUE DATE AND TIME STATED ABOVE TO THE ABOVE ADDRESS

BIDDER INFORMATION (PLEASE PRIN	T)
NAME OF BIDDING ENTITY	
ADDRESS	
CITY, STATE AND ZIP CODE	
E-MAIL ADDRESS	
REPRESENTATIVE TO CONTACT-NAME & TITLE	TELEPHONE NO.
FEDERAL TAX I.D. NO. or TAXPAYER I.D. NO.	FAX NO

☐ WE HAVE DOWNLOADED THE BID FROM THE AUTHORITY WEBSITE

THE NEW JERSEY TURNPIKE AUTHORITY

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New Jersey Turnpike Administrative Offices P.O. Box 5042 581 Main Street Woodbridge, New Jersey 07095-5042 Tel. - 732-750-5300 Fax - 732-750-5399

REQUEST FOR BID

TITLE:	DIESEL	-POWERED	TRAILER	R-MOUNTED	BRUSH	CHIPPER

BID NO: **R-120161**

DUE DATE: **NOVEMBER 30, 2015**

TIME: $\underline{11:00 \text{ AM}}$

SUBMIT BIDS BEFORE THE DUE DATE AND TIME STATED ABOVE TO THE ABOVE ADDRESS

BIDDER INFORMATION (TO BE COMPLETED BY THE BIDDER)

Please Print

NAME OF BIDDING ENTITY

ADDRESS

CITY, STATE AND ZIP CODE

E-MAIL ADDRESS

REPRESENTATIVE TO CONTACT-NAME & TITLE

TELEPHONE NO.

FEDERAL TAX I.D. NO. or TAXPAYER I.D. NO. FAX NO

____BUSINESS CORPORATION____PARTNERSHIP____INDIVIDUAL

OTHER (SPECIFY)

SECTION I

A. INTRODUCTION

The New Jersey Turnpike Authority (the "Authority") was created by an act of the New Jersey Legislature in 1948, known as the New Jersey Turnpike Authority Act (as amended and supplemented, "Act"). The Act authorizes the Authority to construct, maintain, repair, and operate the New Jersey Turnpike, to collect tolls, and to issue Turnpike Revenue Bonds or Notes, subject to the approval of the Governor, payable from tolls and other revenues of the Authority. On May 27, 2003, the Act was amended to empower the Turnpike to assume all powers, rights, obligations and duties of the New Jersey Highway Authority (the "Highway Authority"), which owned and operated the Garden State Parkway and PNC Bank Arts Center. On July 9, 2003, the Authority assumed all powers, rights, obligations and duties of the Highway Authority. The Authority currently operates both the Garden State Parkway ("GSP") and the New Jersey Turnpike ("Turnpike") (both roads are collectively referred to herein as the ("Roadways").

The Authority is governed by an eight member Board of Commissioners ("Board"). The Governor of New Jersey appoints each of its members and has the statutory authority to overturn an action of the Board by vetoing any Board action within 10 days of receiving the minutes of the meeting. The Board authorizes awards of all public contracts over \$35,000, except in cases where it has delegated authority to the Executive Director.

This bid solicitation is being conducted pursuant to the Authority's enabling statute as found in N.J.S.A. 27.23-6.1 and Executive Order number 37 (Corzine 2006) and the regulations and policies of the Authority with regard to public bid procurement.

B. BIDDER GUIDELINES/CHECKLIST

BIDS THAT FAIL TO CONFORM TO THE FOLLOWING REQUIREMENTS MAY BE REJECTED:

- 1. The Request of Bid ("RFB"), including specifications and related bid documents ("Bids") must be received at or before the due date and time stated on the cover page at the following place: New Jersey Turnpike Authority, Administration Building, 581 Main Street, Woodbridge, New Jersey 07095. Late Bids will be returned unopened. Telephone or facsimile Bids will not be accepted.
- The entity submitting a Bid ("Bidder") must provide one original and one copy of the Bid. The Bid must include all price information. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Price quotes must be firm through issuance of contract.
- 3. All Bid prices must be typed or written in ink. Quote the specified unit of measure. If bidding an alternate, provide detailed specifications.
- 4. All corrections, white-outs, erasures, re-striking of type, or other forms of alteration or the appearance of alteration, to unit and/or total prices must be initialed in ink by the Bidder.
- The Bidder must attend the mandatory site inspection at the following date(s) and time(s) if applicable:

If checked this RFB requires the following mandatory document(s) or the Bid will be rejected:

- (a) Bid Bond or Cashier's Check for 10% of the amount Bid or a Letter of Surety \times (b) Stockholder/Partnership Disclosure Statement \times
- 7. See the Authority's Instruction to Bidders for a complete list of the Authority's standard contract Terms and Conditions, as well as required forms that must be included with the Bid (SEE ATTACHED).

The following checked documents are required for this Bid. Failure to submit the required forms may result in the rejection of the Bid.

	(a) State of New Jersey Division of Revenue Business Registration Certificate	\boxtimes
	(b) Certification of Registration with the Secretary of State (only if non-NJ corporation)	\boxtimes
	(c) Acknowledgement of requirement for Disclosure of Political Contributions (ELEC)	\boxtimes
	(d) Public Works Contractor Registration Certificate(s) (if applicable)	
	(e) Affirmative Action Information Sheet with Certificate or Form AA302	\boxtimes
	(f) Signed Mandatory Equal Employment Opportunity Language	\boxtimes
	(g) SBE/WBE/MBE Certificates and Form	
	(h) Vendor Disclosure Form (EO129-Location of Services)	\boxtimes
	(i) Notice of Set-Off for State Tax (P.L. 1999, c 159)	\boxtimes
	(j) Automobile Insurance Liability Waiver	
	(k) Insurance Certificate	\boxtimes
	(l) Disclosure of Investment Activities in Iran	
8.	3-Year Open End Purchasing Option	\boxtimes
9.	Bidder must sign Bid	\boxtimes

SECTION II

A. <u>INTENTION</u>

- 1. Sealed Bids for R-120161 must be received at the New Jersey Turnpike Authority Administrative Offices, 581 Main Street, Woodbridge, New Jersey 07095-5042, by the due date and time stated on the cover page of this "RFB" at which time and place said Bid will be opened and read in public.
- 2. Bidders mailing Bids should allow for their normal mail delivery time to ensure timely receipt of the Public Bids. Please be advised that using an overnight/next-day delivery service does not guarantee overnight/next-day deliveries to our location. The Authority will not be responsible for any Bid not being received by the required date and time.
- 3. It is the intention of the Authority to issue a Notice of Award for a price agreement for the procurement of: **DIESEL POWERED TRAILER MOUNTED BRUSH CHIPPER**
- 4. Items purchased under this contract will be delivered as directed by the Authority.
- 5. The term of the contract shall be for "one year with the option to extend for two additional one-year terms at the Authority's discretion and the vendor's concurrence".
- 6. Please contact John J. Parmigiani with any questions regarding this procurement contract at 732-750-5300 x 8632 or jparmigiani@turnpike.state.nj.us.

B. BID SHEET INSTRUCTIONS

- 1. Bidders must follow all instructions in this RFB and in the Instructions to Bidders issued by the Authority, and any other documents issued by the Authority in connection with this RFB (collectively, "Bid Documents").
- 2. Bidders must examine the bid documents carefully before bidding and must ask the Director of Procurement and Materials Management Department ('PMM") in writing for any interpretation or correction of any apparent ambiguity, inconsistency or apparent error therein. If necessary, an interpretation or correction to the specifications shall be issued by the Director of PMM in response to inquiries and/or addendum shall be faxed to Bidders who have obtained the Bid Documents. Upon the issuing of an addendum, the addendum shall become part of the bid documents. Requests for interpretation or correction shall be considered only if received at least 5 business days prior to the Bid opening date. Written requests can be submitted by FAX at 732-750-5399.
- 3. The submission of the Bid is conclusive evidence that the Bidder is fully aware of the conditions, requirements, and details as stated in the Bid Documents. If the Bidder, prior to submitting its Bid, fails to notify the Director of PMM of the existence of an ambiguity or inconsistency in the Bid Documents, a Bid will conclusively be presumed to have been based upon the Authority's interpretation of such ambiguity or inconsistency.

4. All erasures, interpolations or other physical changes on the Bid form shall be signed or initialed by the Bidder. Bids containing any conditions, omissions, erasure's, alterations, or items not called for in this "RFB" or irregularities of any kind, may be rejected by the Authority, in its sole discretion.

The Bidder shall not attach conditions, limitations or provisos to their Bid, except in cases where "exceptions" are permitted.

5. The Authority will accept Approved Equivalent items on this Bid. If a Bidder is basing the proposal on items other than what is specified, and wishes the items proposed to be considered as an "Approved Equivalent", the Bidder shall enter a price on the Bid sheet then submit on the Exception Sheet in the exact format of the line item on the RFB contained herein, the item number, an item description including manufacturers name, model number, informational brochure(s), and packaging quantities of those items that the Bidder proposes to substitute.

C. BASIS OF AWARD

- 1. Bidders must supply a price for every item listed. <u>Bids not having a price for all listed items</u> may be rejected.
- 2. <u>Bidders must quote only one price per line item.</u> If a Bidder quotes multiple prices per line item, the Bid may be rejected.
- 3. The Authority will purchase amounts of any given item as needed, at the sole discretion of the Authority and shall not be bound by any quantities listed. The Authority reserves the right to make reasonable increases to line item quantities.
- 4. All items are to be Bid FOB Destination. All shipping, handling, and other costs should be considered in the Bid price. The Authority is tax exempt from New Jersey Sales and Excise Tax.
- 5. Award will be made to the lowest responsive Bidder per area for the total line items Bid.

D. MISCELLANEOUS

1.	Delivery Date (Insert if applicable)
2.	Payment Terms: The Authority's standard payment terms are Net 30 days. Prompt payment discounts may be offered and must be a minimum of 10 days.
	Discount: Maximum time period Percentage Note: Although prompt payment discounts will not be considered in determining low Bid, th Authority reserves the right to take advantage of any such discounts offered.

3. The successful bidder will be required to provide a contract bond as stated in the specifications and (if awarded) 0% of contract amount.

BID QUOTATION SHEET

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL DOLLAR AMOUNT
1	3	EA	DIESEL-POWERED TRAILER- MOUNTED BRUSH CHIPPER PER SPECIFICATIONS	\$	\$

ANY INQUIRIES CONCERNING THIS BID MUST BE SENT VIA FAX TO 732-750-5399 NO LATER THAN FIVE (5) BUSINESS DAYS BEFORE BID OPENING

NEW JERSEY TURNPIKE AUTHORITY

	ndrea E , PMM	. Ward Department
	/_	
Name of Company	/	Authorized Signature of Bidde

E. SIGNATURE PAGE

1.	ADDENDA / INQUIRIES: COM Receipt of Addendum / Inquiries # Receipt of Addendum / Inquiries #	#da	nted	is hereby ack	nowledged.
	CHECK BOX IF NO ADD (All Addenda / Inquiries must			bove.)	
2.	BID IRREVOCABLE: This off on which the Authority publicly Bidder has filed a bid protest purs are required to hold their prices for the action taken by the Authority.	opens this B uant to N.J.A	id except in those .C. 19:9-2.12. Upo	e instances where are notification of a p	n unsuccessful rotest, Bidders
3.	OFFER/CERTIFICATION: Turnpike Authority the services specifications and addenda of the further certifies understanding arconditions as stated in the Inst undersigned certifies that he or statements contained in this Bid knowledge that the Authority relistatements requested by the Authority religions to the foregoing statements and by me are willful	s and/or many e RFB, Bid Dand compliance tructions to be she executes and in this collisies upon the prity showing the ents made by the showing the ents made by the ents made and the ents made and the ents made by the ents made and the ent	terials in complications and reserve with the required Bidders included this Bid with full ertification are truth of the statement of qualification are trued are true. I am a	ance with all term sulting contract. The ments of the standa with the Bid Doc l authority so to do e and correct, and renents contained here cations in awarding aware that if any of the sulting and the sulting are the sulting and the sulting are the sulting and the sulting are sulting as a sulti	is, conditions, are undersigned and terms and uments. The or, and that all made with full ein and in any the contract.
4.	AUTHORIZED SIGNATURE:_				
	Print Name and Title:				
	Bidder:				
	Address:				
	City, State, Zip:				
	E-mail address				
	Telephone #:		Fax:		
	Date: #				

SECTION III

NO RESPONSE BID SURVEY

BID REQUISITION NUMBER: R-120161

PROPOSAL TITLE: DIESEL-POWERED TRAILER-MOUNTED BRUSH CHIPPER

If you do not choose to respond to this Bid, please complete the form below:

Name of Com	pany
	id not respond (Check all that apply)
	Cannot supply product or service
	Cannot meet technical specifications
	Cannot meet delivery specifications
	Cannot meet legal requirements (i.e. Bid/performance/security/insurance, etc.)
	Cannot provide a competitive price at this time
	Interested in receiving specifications for informational purposes only
	Insufficient lead time to respond
	Other:(please be specific)
Do you v	vish to remain on our mailing list?
Ye	sNo
Additional comments	::
Signed :(optional)
Company	/:

ADDITIONAL YEARS PURCHASING OPTION

BID TITLE: R-120161 DIESEL-POWERED TRAILER-MOUNTED BRUSH CHIPPER

<u>3 - Year Open End Option</u>: The Authority shall have the option for one (1) Model Year* from the date of Contract, to order additional units conforming to the requirements of these specifications at the same price and under the same terms and conditions as those contained herein.

The Authority shall further have the option to purchase additional units conforming to these specifications for two (2) additional Model Years. Any unit(s) offered during the two (2) subsequent Model Years shall be of the model equivalent to that specified herein. In the latter instances, if there have been any price changes, the vendor shall submit a request to the Authority covering the aforesaid price changes, and shall include appropriate explanation and justification for any such price changes.

Any such request for price adjustment shall be in writing and directed to the Director, Procurement and Materials Management Department and shall be accompanied by the following evidence as a basis for your request;

- 1. The published price lists for equipment, which were in effect at the time of your original proposal.
- 2. The equivalent published price lists in effect at the time of your request.
- 3. Any additional evidence which the Authority deems necessary in the evaluation of your request.

The Authority shall, within its sole discretion, have the right to accept the price changes proposed by the vendor or if it so desires, re-bid the requirement.

*Model Year is defined as the Model Year of the Manufacturer of the unit(s) offered by you in
this Request for Quotation. In that instance where proposals are for equipment for which "Model
Year" and "Production Cut-Off Dates" are undefined or non-existent, the "Model Year" is
defined, for bid purposes, as one calendar year from the date on which the Contract is accepted.
The last date on which orders may be placed for the Model currently in effect
is

NEW JERSEY TURNPIKE AUTHORITY

GENERAL INSTRUCTIONS AND SPECIFICATIONS FOR: DIESEL-POWERED TRAILER-MOUNTED BRUSH CHIPPER

Quantity	Description	Required Delivery Date
3	Diesel-Powered Trailer-Mounted Brush Chipper	150 Days After Receipt of Order

SPECIFICATIONS:

DPTMBC-2016: Diesel-Powered Trailer-Mounted Brush Chipper 7PTC: 7-Pole Round Pin Trailer Connectors on Trucks and Trailers

<u>COMPLIANCE WITH RULES AND REGULATIONS</u>: The unit and associated equipment furnished must comply with all Federal and State Motor Vehicle Safety Laws and Regulations and shall be capable of passing the New Jersey State Motor Vehicle Inspection Laws, where applicable.

ENERGY STAR REQUIREMENTS: If applicable for items specified in the bid package, the vendor must provide products that earn Energy Star Certification and meet the Energy Star specifications for energy efficiency. The vendor is encouraged to visit energystar.gov for complete product specifications and updated lists of qualifying products. The Energy Star label must also be affixed to each delivered item. The bidder's signature on the signature page certifies that items so indicated that have earned Energy Star and meet the Energy Star specifications or other standards for energy efficiency will be supplied.

ERRORS AND OMISSIONS: Inadvertent omissions or errors in the attached specifications must be brought to the attention of the New Jersey Turnpike Authority's Director of Procurement and Materials Management at 732-750-5300 before bid submission date. If, with knowledge of such error or omission and prior to the correction thereof, the bidder proceeds with any work affected hereby, they shall do so at their own risk and the work so done shall not be considered as work done under and in performance of this Agreement unless and until approved and accepted.

<u>PILOT MODEL</u>: Questions, which arise before or during the preparation of the pilot model, shall be addressed in writing via e-mail from the vendor to Peter Perperas (Project Supervisor), perperas@turnpike.state.nj.us at the New Jersey Turnpike Authority on a not to delay basis.

The awarded bidder shall make available one <u>fully completed</u> pilot model for inspection and approval by the Authority. The unit shall be transported (responsibility of the awarded vendor) to the NJTA Garden State Parkway Division's District 5 (Telegraph Hill) Maintenance Facility located at Garden State Parkway Exit 116 in Holmdel, NJ 07733.

<u>REQUIRED DELIVERY DATE</u>: In the event a bidder takes an exception to the Authority's required delivery date, they <u>must</u> note the exception on the attached exception sheet. Furthermore, a specific number of days <u>must</u> be listed. Under no circumstances shall bidders give approximate dates or ranges of dates to deliver such as: 210 days to 240 days. Failure to follow these guidelines may result in rejection of bid.

DELIVERY INSTRUCTIONS:

- A. Vendor must contact Peter Perperas (Project Supervisor) at 732-442-8600 ext. 2868 for authorization to schedule date and time prior to delivery. Deliveries shall be made to the NJTA Garden State Parkway Division's District 5 Telegraph Hill Central Maintenance Facility located at GSP Exit 116 in Holmdel, NJ 07733.
- B. Vendor shall be responsible for all delivery, shipping and pick-up expenses.
- C. All units must be pre-delivery serviced, completely assembled, operational, and cleaned prior to Authority delivery.
- D. The following administrative package **must** accompany all deliveries:
 - <u>Certificate of Origin</u>: stamped "Sales Tax Satisfied" and shall be made out to New Jersey Turnpike Authority, 581 Main St. Woodbridge, NJ 07095. Certificate of Origin shall have current date and be hand delivered to Peter Perperas after final acceptance of complete order.
 - <u>Invoice</u>: purchase order number must be displayed on vendors invoice. Invoice shall have current date and be hand delivered to Peter Perperas after final acceptance of complete order.
 - Warranty forms properly executed.
 - Four (4) keys for each unit shall be furnished.
 - Four (4) keys, keyed alike for toolboxes or similar compartments shall be furnished for each unit.
 - It shall be the responsibility of the awarded vendor that all tolls, when applicable be paid when making delivery to the Authority.
 - Delivery of all units fully completed and fully compliant shall be made no later than one hundred fifty (150) days after receipt of Purchase Order.
- E. All units shall be delivered with a minimum of a half tank of fuel.
- F. Deliveries made directly from the manufacturer (unless manufacturer is the awarded bidder) to the Authority shall **not** be acceptable.

WARRANTY: All units delivered must be guaranteed to be free from defects in materials, design and workmanship for a minimum of one (1) year (engine warranty shall be two (2) years/2,000 hours) from the time of acceptance by the New Jersey Turnpike Authority. All warranties shall start upon written acceptance of units by the New Jersey Turnpike Authority. Warranty must include service availability from any manufacturers authorized dealer establishment most closely located to Parkway and Turnpike area. This repair facility may not be further than 100 miles from District 5 Telegraph Hill Central Maintenance Facility in Holmdel, NJ 07733 or District 4 (Formerly Central Shops) Maintenance Facility located in Hightstown, NJ 08520. If warranty service is required, the vendor who supplied the unit shall provide for pickup, delivery and repair of unit at no charge to the New Jersey Turnpike Authority. The vendor shall also have a program to include an in-house warranty. All warranty periods shall start from date of acceptance of unit by the New Jersey Turnpike Authority.

EXCEPTION SHEET: Exception sheet is furnished with each set of specifications. Bidders making exceptions must note exceptions by item and indicate substitution in lieu and submit with bid, detailed specifications on the substitution. If the vendor is submitting an alternate product, component, feature or part to what is referenced in the specifications, the proposals <u>must</u> be accompanied by descriptive literature, marked and indicate the exact items to be furnished, with an engineering drawing of the same. Failure to supply information requested may result in rejection of bid. Where no exception is taken, the word "None" shall be neatly printed or typed on the exception sheet. Failure to supply information and/or failure to complete the bidder's exception spaces in the prescribed manner may disqualify bid. It shall be understood that if no exception is taken, the vendor shall supply all material exactly as specified. No substitution will be permitted after receipt of bids.

<u>APPROVED EQUIVALENT</u>: A bid substitution for a specified item brand and/or model that meets the required quality and performance standards of the original brand; substitutions will be determined to be an equivalent by the New Jersey Turnpike Authority.

<u>UNIT INFORMATION FORM</u>: Vendor shall complete the entire Unit Information Form. **Failure to complete form may result in rejection of bid.**

<u>MANUFACTURER'S PRODUCTION SHEET</u>: The vendor shall furnish one (1) copy of the actual Factory Production Sheet for each unit provided. The copies of the Factory Production Sheet shall be submitted at the time of the Authority's inspection of the unit.

TRAINING: It shall be the responsibility of the successful bidder to supply all safety, operational and service training to New Jersey Turnpike Authority personnel in accordance with all applicable ANSI and OSHA regulations. The safety and operational training shall consist of a complete review and understanding of the manufacturer's owner manual, along with actual operation of equipment. The instructor shall emphasize all proper uses for safe operation. The training shall include but not limited to all general troubleshooting of the hydraulic system and associated electronics. The instructor shall also emphasize the proper use of tools and test equipment along with general shop safety. The service seminars shall be similar to factory and manufacture type schools. The training shall be scheduled and take place at two (2) sites, eight (8) hours each site designated by the New Jersey Turnpike Authority.

<u>LABELS</u>: Plastic stick-on labels shall <u>not</u> be acceptable.

<u>ADVERTISEMENTS</u>: No <u>Dealer</u> advertisements shall appear on unit or any other related equipment.

<u>ACCESSORIES</u>: All accessories shall be manufacturer installed when the item is available from the manufacturer.

<u>FACILITIES</u>: Bidders shall represent a manufacturer, which has in operation a factory adequate for the manufacture of the equipment, which it proposes to furnish. The manufacture(s) whose associated equipment or products are bid shall have a full service warranty and parts supply facility that can guarantee availability of parts within 24 hours after telephone order and shall be located within a 100 mile radius of either District 4 Maintenance Facility (exit 8 on the NJ Turnpike) located in Hightstown, NJ 08520 or Telegraph Hill Central Maintenance Facility (exit 116 on the GSP) located in Holmdel, NJ 07733. This facility will be required to establish an inhouse warranty program and provide all warranty work related to the equipment in the bid proposal. The bidder shall submit the locations, names and telephone numbers of people who are authorized to service the equipment or who can be reached for emergency service.

Location		
Phone #		
Contact		
	Name & Title	

SPECIFICATIONS: DPTMBC-2016 DIESEL-POWERED TRAILER-MOUNTED BRUSH CHIPPER

<u>INTENT</u>: The intent of this specification is to describe and govern the purchase of a 2016 or new current model diesel-powered trailer-mounted brush chipper. Unit shall be a Vermeer Model BC1800XL or approved equivalent. The unit shall be new and of the latest design and be in current production at time of submission of bid. All standard and optional equipment shall be Original Equipment Manufacturer.

BIDDER'S INSTRUCTIONS

IT SHALL BE THE BIDDER'S RESPONSIBILITY TO CAREFULLY EXAMINE EACH ITEM OF THE SPECIFICATION. BIDDERS MUST INDICATE WHETHER THEY COMPLY OR NON-COMPLY FOR EACH LINE ITEM IN THE SPECIFICATION. FAILURE TO PROVIDE A COMPLETED BID MAY CAUSE REJECTION OF BID. ALL NON-COMPLY RESPONSES AND/OR BIDDERS PROPOSED "APPROVED EQUIVALENTS" MUST BE FULLY EXPLAINED ON EXCEPTION FORM, NOTING SECTION AND ITEM. FAILURE TO EXPLAIN NON-COMPLY RESPONSES OR FAILURE TO SUPPLY DETAILED LITERATURE/BROCHURES ON THE BIDDERS PROPOSED "APPROVED EQUIVALENTS" MAY CAUSE REJECTION OF BID. WHERE "MINIMUM/MAXIMUM" IS SPECIFIED, BIDDERS MUST PROPOSE AT LEAST THE MINIMUM/MAXIMUM SIZES OR THE BID MAY BE REJECTED.

	COM	IPLY
	YES	NO
GENERAL:		
A. New current model diesel-powered trailer-mounted brush chipper.		
B. Unit shall be a Vermeer Model BC1800XL or approved equivalent.		
C. The unit shall be new and of the latest design and be in current production		
at time of submission of bid.		
D. Bidders must provide detailed specifications, technical sheets, and		
pictures describing exact unit and equipment that shall be provided.		
E. All standard and optional equipment shall be Original Equipment		
Manufacturer.		
F. Chipping capacity: 19".		
G. Length feed table: 16'9".		
H. Length feed table down: 19'3".		
I. Height: 8' 11".		
J. Weight: 9,960 lbs.		
K. Tongue weight: 1,300 lbs.		
L. Jack capacity: 12,500 lbs.		
M. Safety chains: 3/8" x 40".		

	COMPLY	
	YES	NO
N. Hitch: 23/8" i.d.		
ENGINE:		
A. John Deere 4045HFC09 Tier IV emissions rated or approved equivalent.		
B. 4-cylinder diesel engine.		
C. 4.5 liter.		
D. Gross horsepower: 170 hp minimum @ 2,200 rpm's.		
E. Torque: 490 ft./lbs. @ 1,600 rpm's.		
F. Fuel tank capacity: 35-gallon minimum.		
G. Air cleaner: 2-stage dry type.		
H. Oil filter: spin-on type.		
I. Coolant capacity: 6-gallon.		
J. Electrical system: 12-volt.		
K. Alternator: 90-amps.		
L. Battery: maintenance free, 950 CCA.		
M. 12" spring loaded clutch.		
N. Fan: 26" suction type.		
O. Control: automatically lowers engine speed if no material has been		
chipped for 60 seconds of five minutes selectable by operator.		
FEED SYSTEM:		
A. Infeed opening: 20" x 24".		
B. Number of feed rollers: two (2).		
C. Feed roller diameter: 18".		
D. Feed roller height: 23½".		
E. Orientation: vertical with eleven (11) helical cleats on each roller.		
F. 380 lbs. clamping force.		
G. Feed roller distance from drum at closet point: ½".		
H. Two (2) hydraulic motors.		
I. 28 cubic inch displacement minimum.		
J. Shaft size: 1 ¹ / ₄ ".		
K. Feed rate: 0-117 fpm, infinitely variable and hydraulically reversible by		
means of a control bar.		
L. Distance from center of feed rollers to end of fed table: 62½".		
M. Feed sensing control system that shall monitor engine speed rpm's and		
automatically stops and reverses feed rollers when droop settings are		
reached, material feeding starts again when engine rpm/s have recovered		
(three droop settings shall be available for the operator to select from).		
SAFETY SYSTEM:		
A. Unit shall come equipped with a bottom feed stop safety bar.		
B. Bottom feed stop safety bar shall be located so the operator's leg can		
strike the bar shutting off the feed mechanism in the event of an emergency.		
C. A "reset/hold to run" button on each side of the infeed housing shall allow		
the operator to readily reset the system in the event the bar is tripped.		
D. Bottom feed stop safety bar: 2" diameter.		

	COMPLY	
	YES	NO
E. Normal sensitivity: 22°.		
F. Reduced sensitivity: 12°.		
G. Four (4) position feed control bar:		
Emergency Stop		
• Forward		
 Neutral 		
• Reverse		
H. Radio remote control: control shall be able to activate, stop, reverse feed		
rollers, restart material feeding action, reset control system, and shut off		
engine.		
CUTTING SYSTEM:		
A. Drum diameter: 36".		
B. Drum width: 26".		
C. Drum thickness: ½".		
D. Speed: 1,100 rpm's.		
E. Number of knives: four (4).		
F. Material: A8 chipper steel.		
G. Knife size: 5.5" x 10" x .625".		
H. Bed knife size: 20 ¹ / ₄ " x 3".		
I. Bed knife thickness: 1.3".		
J. Number of bed knife edges: four (4).		
CUTTER DRIVE COMPONENTS:		
A. Number of bearings: two (2).		
B. Spherical roller type.		
C. Belt idler/tensioner: spring loaded.		
D. Dynamic capacity: 41,800 lbs.		
E. Static capacity: 71,500 lbs.		
DISCHARGE SYSTEM:		
A. Chute height: 8' 11".		
B. Chute rotation angle: 270°.		
C. Rotation type shall be worm gear with rotational lock.		
D. Thicknesses:		
• Top: ½"		
• Bottom: 1/10"		
• Side: 1/10"		
HYDRAULIC SYSTEM:		
A. System type: open center.		
B. Hydraulic system and oil tank capacity shall be sufficient and also		
designed to operate brush chipper at the manufacturer's appropriate		
performance standards.		
INSTRUMENTATION:		
A. Digital display that toggles between hour meter, rpm's, oil pressure, water		
temperature, voltage, and engine fault codes.		

	COMPLY	
	YES	NO
B. High coolant temperature/low oil pressure automatic engine shutdown.		
C. Fuel gauge.		
D. Diesel Exhaust Fluid (DEF) gauge.		
CHASSIS:		
A. Frame shall be 7" x 2.13" channel design.		
B. Tongue: 4" x 4" x .375".		
C. Extended tongue: 24".		
D. Hitch: pintle type 23/8" i.d. adjusted vertically by 41/2".		
E. Axle/suspension shall be designed and applicably rated to fully		
accommodate unit per manufacturer's standards.		
F. Capacity: 10,000 lbs.		
G. 14-gauge integrated fenders.		
H. Jack: 10,000 lbs. manual type.		
I. Tires: 235/75R17.5 load range J.		
J. Brakes: electric with break-away switch.		
K. Wiring harness: 48" long, 7-prong round pin trailer plug shall be wired		
per SAE code J506B (See Specification: 7PTC).		
L. Lights shall be LED type: stop, tail, and turn (rear mounted lights shall		
have brush guards).		
M. Wheels; 17.5" x 6.75".		
N. Tires: 235/75R17.5 load range J.		
WINCH:		
A. Brush chipper shall be equipped with a winch.		
B. Winch rope shall be 7/16" thick.		
C. Rope length shall be 150'.		
D. Rope line pull: 2,000 lbs.		
E. Line breaking strength: 14,000 lbs.		
F. Winch controls:		
 Forward 		
• Reverse		
• Free Spool		
G. Rope choker chain size: ¼".		
H. Winch interlock system: winch line must be stored on interlock hook prior		
to feed rollers start pulling material into chipper.		
PAINT:		
A. Clean virgin metal and de-slag welds.		
B. Unit shall be painted DuPont Dulux Omaha Orange Enamel # 93-082 or		
approved equal.		
C. The paint shall be applied in a two-step process with the orange base coat		
and additional polyurethane overcoat.		
MANUALS:		
A. The following manuals shall be supplied at time of delivery for each brush		
chipper ordered:		
empper oracion.		<u> </u>

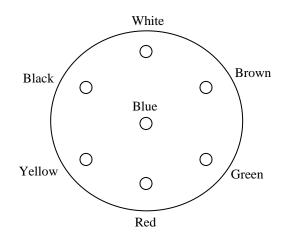
	COM	COMPLY	
	YES	NO	
• Operation-2			
Maintenance-1			
• Repair-1			
• Parts-1			

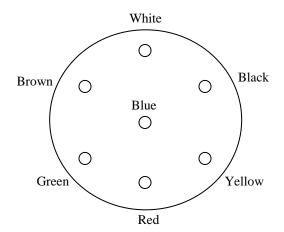
SPECIFICATIONS: 7PTC 7-POLE ROUND PIN TRAILER CONNECTORS ON TRUCKS AND TRAILERS

CONNECTOR MARKING COLOR WHITE GROUND BLACK TAIL LIGHT BROWN TAIL LIGHT YELLOW LEFT TURN SIGNAL GREEN RIGHT TURN SIGNAL RED ELECTRIC BRAKE BLUE 12-VOLT BATTERYWITH 30-AMP AUTOMATIC BIMETAL THERMAL RESET CIRCUIT PROTECTION.

SOCKET MARKINGS

PLUG MARKINGS





name, model number and packaging quantities of those items which the vendor proposes to substitute. Vendors may not use this form to attach conditions, limitations, or other
provisos to their bid. Please be advised that any proposed equivalent or other exceptions
that are deemed to be a material deviation from the specifications shall be a mandatory
cause for rejection of the bid, and the vendor proceeds at its own risk.
Delivery Date Exception
Warranty Date Exception
Vendor's Name
Signature of Vendor Responsible Officer
Date

 $\underline{E_{xception}\,F_{orm}}\text{: Vendors may list proposed equivalent items below for consideration}$ by the Authority, and should include the item number, item description, manufacturer's